Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 09 Feb 2021 until 23:59 on Wednesday 10 Feb 2021

Forecast Issued on Monday 08 Feb 2021 at 09:29

Confidence: High for very cold conditions through the coming days. Low from Friday with uncertainty in the progress of weather fronts invading from the west.

Headline for Tuesday 09 Feb 2021: Very cold with a few snow showers. Windy.

Mountain weather hazards on Tuesday 09 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
High Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light snow showers (night)	Cloudy	Light snow showers	Light snow showers	Light snow showers	Cloudy	Light snow showers (night)
Precipitation probability							
30%	30%	30%	30%	30%	30%	30%	30%

Forecast for Tuesday 09 Feb 2021

Weather: Bright or clear intervals and scattered snow showers, the showers mainly in the east. Most of the showers will be light, giving further slight accumulations. Bitterly cold at all levels with severe wind chill.

Chance of cloud free mountain/hill tops above 800m: 90% in west, 60% in east.

Visibility: Very good for most of the time. Showers will give brief spells of poor visibility with occasional patches of cloud above 500 or 600m, mainly in the east. Some blowing snow in the strong winds.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 09 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	38/46 NE	34/42 NE	32/39 NE	33/41 NE	28/37 E	28/37 E	32/40 NE	32/40 NE	27/35 NE
600	25/33 NE	22/29 NE	20/27 NE	21/29 NE	22/30 E	22/30 E	20/29 NE	19/27 NE	17/24 NE
300	8/26 NE	6/22 NE	6/21 NE	8/24 NE	10/25 E	10/25 E	7/23 NE	7/22 NE	6/19 NE
Valley	8/24 NE	7/22 NE	8/21 NE	9/23 NE	10/23 E	11/24 E	9/23 NE	8/21 NE	9/20 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-8/-19	-8/-19	-8/-19	-8/-19	-7/-17	-7/-17	-8/-18	-8/-19	-8/-18
600	-5/-14	-6/-14	-6/-14	-6/-14	-4/-12	-4/-12	-5/-14	-6/-14	-6/-14
300	-3/-8	-3/-7	-3/-7	-3/-7	-1/-6	-1/-6	-3/-7	-3/-7	-4/-7
Valley	-1/-5	-1/-5	-1/-5	-1/-5	1/-3	1/-3	-1/-5	-1/-6	-2/-6
Freezing Level*	00m	00m	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Bitterly cold at all levels. Full winter kit and equipment will be required including full face coverings and goggles.

Forecast for Wednesday 10 Feb 2021

Weather: Bright or clear intervals and scattered snow showers, the showers mainly in the east. Most of the showers will be light, giving further slight accumulations. Bitterly cold at all levels with severe wind chill.

Maximum wind: East or northeast 15-20mph, gusts 30mph.

Chance of cloud free mountain/hill tops above 800m: 90% in west, 60% in east.

Visibility: Very good for most of the time. Showers will give brief spells of poor visibility with occasional patches of cloud above 500 or 600m, mainly in the east. Snow blowing into the face at times.

Temperature: **Valleys:** Minus 2C rising to Plus 1C.
At 800m: Minus 7C.
Freezing level: Ground frozen at all levels.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 8 February 2021. Location: Helvellyn summit at 1320 Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally to where they live. The high fells of the Lake District are currently in full winter condition with significant amounts of snow on all aspects with the east of the National Park having the greatest accumulations. Crampons & ice axe are essential for anyone venturing above the snowline. The snow level is approximately 400m on Helvellyn but there were significant patches of ice on paths down to valley level where microspikes and trekking poles would be very useful. The snow depth increases with height to around knee deep on the tops and is continuing to consolidate and stabilise in the cold temperatures. Much of the snow now has an icy crust which is generally weight bearing. Where walkers feet have compressed the snow the going is easier but icier. Snow showers were being blown through on strong easterly winds which created temporary blizzard and whiteout conditions. The new snow was being deposited on west facing slopes and in sheltered hollows and behind features with a few areas of poorly bonded soft slab developing. Striding & Swirral Edges are both buried under deep snow with a few protruding rocks on which rime ice had formed above 800m. . The exit slopes to both Edges were passable with careful route choice and the correct equipment. The continued low temperatures mean that the snowpack will become firmer, icier and more serious with the potential for long slides / falls. Full winter clothing and equipment including ice axe and crampons are essential for anyone venturing onto the fells. The depth of snow also means that many paths and obvious features are hidden so excellent navigation is critical. Goggles were very useful today to protect the eyes from the snow showers but also to increase contrast when looking for hazards like cornices and cliff edges. Please be conservative with your plans and know both your limits and also when to turn back. A pandemic is not the time to be pushing your comfort zone. Temperature: minus 7.4 C, Maximum wind speed 66.9mph, Wind chill: minus 22.4 C, Average wind speed: 50.7 mph.

Issued at: 1730 on Mon 08 Feb 2021

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